

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SS\$PTA1626GMS

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

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NEWS 1      Web Page for STN Seminar Schedule - N. America
NEWS 2 OCT 02 CA/CAPLUS enhanced with pre-1907 records from Chemisches
           Zentralblatt
NEWS 3 OCT 19 BEILSTEIN updated with new compounds
NEWS 4 NOV 15 Derwent Indian patent publication number format enhanced
NEWS 5 NOV 19 WPIX enhanced with XML display format
NEWS 6 NOV 30 ICSD reloaded with enhancements
NEWS 7 DEC 04 LINPADOCDB now available on STN
NEWS 8 DEC 14 BEILSTEIN pricing structure to change
NEWS 9 DEC 17 USPATOLD added to additional database clusters
NEWS 10 DEC 17 IMSDRUGCONF removed from database clusters and STN
NEWS 11 DEC 17 DGENE now includes more than 10 million sequences
NEWS 12 DEC 17 TOXCENTER enhanced with 2008 MeSH vocabulary in
           MEDLINE segment
NEWS 13 DEC 17 MEDLINE and LMEDELINE updated with 2008 MeSH vocabulary
NEWS 14 DEC 17 CA/CAPLUS enhanced with new custom IPC display formats
NEWS 15 DEC 17 STN Viewer enhanced with full-text patent content
           from USPATOLD
NEWS 16 JAN 02 STN pricing information for 2008 now available
NEWS 17 JAN 16 CAS patent coverage enhanced to include exemplified
           prophetic substances
NEWS 18 JAN 28 USPATFULL, USPAT2, and USPATOLD enhanced with new
           custom IPC display formats
NEWS 19 JAN 28 MARPAT searching enhanced
NEWS 20 JAN 28 USGENE now provides USPTO sequence data within 3 days
           of publication
NEWS 21 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 22 JAN 28 MEDLINE and LMEDELINE reloaded with enhancements
NEWS 23 FEB 08 STN Express, Version 8.3, now available
NEWS 24 FEB 20 PCI now available as a replacement to DPCI
NEWS 25 FEB 25 IFIREF reloaded with enhancements
NEWS 26 FEB 25 IMSPRODUCT reloaded with enhancements
NEWS 27 FEB 29 WPINDEX/WPIDS/WPIX enhanced with ECLA and current
           U.S. National Patent Classification

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NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 14:28:11 ON 07 MAR 2008

=>

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:28:24 ON 07 MAR 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 5 MAR 2008 HIGHEST RN 1006749-26-3

DICTIONARY FILE UPDATES: 5 MAR 2008 HIGHEST RN 1006749-26-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

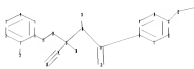
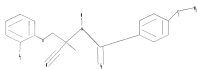
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

10577369

=>

Uploading C:\Program Files\Stnexp\Queries\10577369a.str



```
chain nodes :
13 14 15 16 17 18 19 20 22 23 25 27 29
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
1-27 6-13 8-17 11-22 13-14 14-15 15-16 15-18 15-19 16-17 16-29 17-25
19-20 22-23
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
1-27 6-13 11-22 13-14 15-16 16-17 17-25 19-20 22-23
exact bonds :
8-17 14-15 15-18 15-19 16-29
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
isolated ring systems :
containing 1 : 7 :
```

G1:O,S,SO2,SO3H

G2:O,S

G3:Cl,Br,F,I,CF3,X

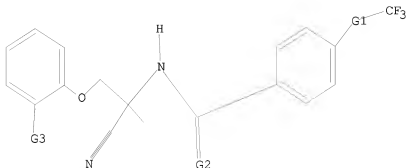
Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS  
19:CLASS 20:CLASS 22:CLASS 23:CLASS 25:CLASS 27:CLASS 29:CLASS

L1 STRUCTURE UPLOADED

10577369

=> d l1  
L1 HAS NO ANSWERS  
L1 STR



G1 O,S,SO2,SO3H  
G2 O,S  
G3 Cl,Br,F,I,CF3,X

Structure attributes must be viewed using STN Express query preparation.

=> s l1  
SAMPLE SEARCH INITIATED 14:28:47 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE  
100.0% PROCESSED 1 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 1 TO 80  
PROJECTED ANSWERS: 1 TO 80

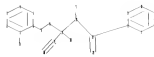
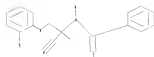
L2 1 SEA SSS SAM L1

=> s l1 sss full  
FULL SEARCH INITIATED 14:28:55 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 78 TO ITERATE

100.0% PROCESSED 78 ITERATIONS 38 ANSWERS  
SEARCH TIME: 00.00.01

L3 38 SEA SSS FUL L1

=>  
Uploading C:\Program Files\Stnexp\Queries\10577369b.str



```

chain nodes :
13 14 15 16 17 18 19 20 23 25 27
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
1-25 6-13 8-17 13-14 14-15 15-16 15-18 15-19 16-17 16-27 17-23 19-20
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
1-25 6-13 13-14 15-16 16-17 17-23 19-20
exact bonds :
8-17 14-15 15-18 15-19 16-27
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
isolated ring systems :
containing 1 : 7 :

```

G1:O,S,SO2,SO3H

G2:O,S

G3:Cl,Br,F,I,CF3,X

```

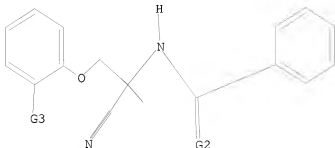
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 23:CLASS 25:CLASS 27:CLASS

```

L4 STRUCTURE UPLOADED

10577369

=> d 14  
L4 HAS NO ANSWERS  
L4 STR



G1 O,S,SO2,SO3H  
G2 O,S  
G3 Cl,Br,F,I,CF3,X

Structure attributes must be viewed using STN Express query preparation.

=> s 14  
SAMPLE SEARCH INITIATED 14:31:07 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 14 TO ITERATE  
100.0% PROCESSED 14 ITERATIONS 8 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 56 TO 504  
PROJECTED ANSWERS: 8 TO 329

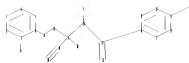
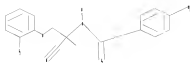
L5 8 SEA SSS SAM L4

=> s 14 sss full  
FULL SEARCH INITIATED 14:31:15 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 278 TO ITERATE

100.0% PROCESSED 278 ITERATIONS 154 ANSWERS  
SEARCH TIME: 00.00.01

L6 154 SEA SSS FUL L4

=>  
Uploading C:\Program Files\Stnexp\Queries\10577369c.str



```

chain nodes :
13 14 15 16 17 18 19 20 23 25 27 28
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
1-25 6-13 8-17 11-28 13-14 14-15 15-16 15-18 15-19 16-17 16-27 17-23
19-20
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
1-25 6-13 13-14 15-16 16-17 17-23 19-20
exact bonds :
8-17 11-28 14-15 15-18 15-19 16-27
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
isolated ring systems :
containing 1 : 7 :

```

G1:O,S,SO2,SO3H

G2:O,S

G3:Cl,Br,F,I,CF3,X

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 23:CLASS 25:CLASS 27:CLASS 28:CLASS

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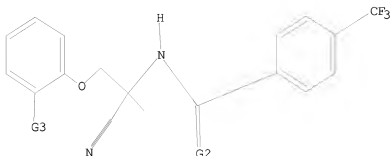
L7 STRUCTURE UPLOADED

=> d 17

L7 HAS NO ANSWERS

10577369

L7 STR



G1 O,S,SO2,SO3H  
G2 O,S  
G3 Cl,Br,F,I,CF3,X

Structure attributes must be viewed using STN Express query preparation.

=> s l7

SAMPLE SEARCH INITIATED 14:32:35 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS 4 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 5 TO 234  
PROJECTED ANSWERS: 4 TO 200

L8 4 SEA SSS SAM L7

=> s l7 sss full

FULL SEARCH INITIATED 14:32:41 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 99 TO ITERATE

100.0% PROCESSED 99 ITERATIONS 26 ANSWERS  
SEARCH TIME: 00.00.01

L9 26 SEA SSS FUL L7

=> FIL HCAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	536.92	537.13

FILE 'HCAPLUS' ENTERED AT 14:32:46 ON 07 MAR 2008  
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FILE COVERS 1907 - 7 Mar 2008 VOL 148 ISS 11

FILE LAST UPDATED: 6 Mar 2008 (20080306/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 14:28:11 ON 07 MAR 2008)

FILE 'REGISTRY' ENTERED AT 14:28:24 ON 07 MAR 2008

```

L1      STRUCTURE UPLOADED
L2      1 S L1
L3      38 S L1 SSS FULL
L4      STRUCTURE UPLOADED
L5      8 S L4
L6      154 S L4 SSS FULL
L7      STRUCTURE UPLOADED
L8      4 S L7
L9      26 S L7 SSS FULL

```

FILE 'HCAPLUS' ENTERED AT 14:32:46 ON 07 MAR 2008

=> s l3

```
L10      6 L3
```

=> s l6

```
L11      9 L6
```

=> s l9

```
L12      3 L9
```

=> s l10 and py<=2003

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23979508 PY<=2003
L13      2 L10 AND PY<=2003

```

=> s l11 and py<=2003

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23979508 PY<=2003
L14      5 L11 AND PY<=2003

```

=> s l12 and py<=2003

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23979508 PY<=2003
L15      2 L12 AND PY<=2003

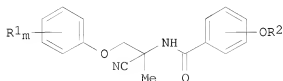
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=> d l13 ibib abs hitstr tot

L13 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2002:977572 HCAPLUS  
 DOCUMENT NUMBER: 138:33311  
 TITLE: Aminoacetonitrile derivatives as endoparasiticides  
 INVENTOR(S): Ducray, Pierre  
 PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis-Erfindungen  
 Verwaltungsgesellschaft m.b.H.  
 SOURCE: PCT Int. Appl., 31 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002102155	A1	20021227	WO 2002-EP6589	20020614 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW, RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
TW 236341	B	20050721	TW 2002-91112863	20020613
CA 2449854	A1	20021227	CA 2002-2449854	20020614 <--
AU 2002345043	A1	20030102	AU 2002-345043	20020614 <--
EP 1401277	A1	20040331	EP 2002-743200	20020614
EP 1401277	B1	20070627		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002010926	A	20040608	BR 2002-10926	20020614
CN 1529552	A	20040915	CN 2002-814212	20020614
JP 2004530711	T	20041007	JP 2003-504752	20020614
NZ 530120	A	20050930	NZ 2002-530120	20020614
RU 2294640	C2	20070310	RU 2003-137564	20020614
AT 365455	T	20070715	AT 2002-743200	20020614
ES 2287289	T3	20071216	ES 2002-743200	20020614
ZA 2003009672	A	20040804	ZA 2003-9672	20031212
MX 2003PA11630	A	20040405	MX 2003-PA11630	20031215
IN 2003CN01997	A	20060106	IN 2003-CN1997	20031215
US 2004209950	A1	20041021	US 2004-480510	20040601
PRIORITY APPLN. INFO.:			CH 2001-1085	A 20010615
			WO 2002-EP6589	W 20020614

OTHER SOURCE(S): MARPAT 138:33311  
 GI



AB The aminoacetonitrile derivs. I [R1 = (halo)alkyl, (halo)alkoxy, halo; R2 = haloalkyl; m = 1,2 or 3] control endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals.

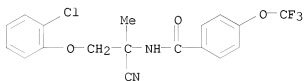
IT 478932-60-4 478932-61-5 478932-63-7  
478932-64-8 478932-66-0 478932-67-1

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(aminoacetonitrile derivs. as endoparasitocides)

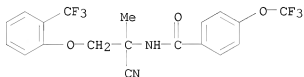
RN 478932-60-4 HCAPLUS

CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



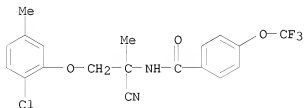
RN 478932-61-5 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



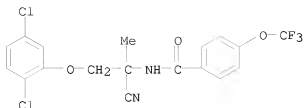
RN 478932-63-7 HCAPLUS

CN Benzamide, N-[2-(2-chloro-5-methylphenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

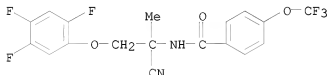


RN 478932-64-8 HCAPLUS

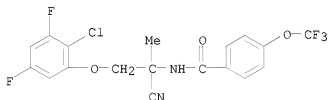
CN Benzamide, N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 478932-66-0 HCAPLUS  
 CN Benamide, N-[1-cyano-1-methyl-2-(2,4,5-trifluorophenoxy)ethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 478932-67-1 HCAPLUS  
 CN Benamide, N-[2-(2-chloro-3,5-difluorophenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2002:487395 HCAPLUS  
 DOCUMENT NUMBER: 137:52407  
 TITLE: Aminoacetonitrile compounds and their formulations as parasiticides  
 INVENTOR(S): Ducray, Pierre; Bouvier, Jacques  
 PATENT ASSIGNEE(S): Novartis Ag, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.; Novartis Pharma GmbH  
 SOURCE: PCT Int. Appl., 38 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2002049641 A2 20020627 WO 2001-EP14926 20011218 <--  
 WO 2002049641 A3 20031204  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU,  
 LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG,  
 SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW  
 RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES,  
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR  
 CA 2432388 A1 20020627 CA 2001-2432388 20011218 <--  
 AU 2002034588 A 20020701 AU 2002-34588 20011218 <--  
 EP 1392281 A2 20040303 EP 2001-985421 20011218  
 EP 1392281 B1 20070221  
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 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 BR 2001016326 A 20040706 BR 2001-16326 20011218  
 JP 2004521097 T 20040715 JP 2002-550981 20011218  
 CN 1531426 A 20040922 CN 2001-821015 20011218  
 NZ 526538 A 20051223 NZ 2001-526538 20011218  
 RU 2286775 C2 20061110 RU 2003-122196 20011218  
 AT 354360 T 20070315 AT 2001-985421 20011218  
 ES 2281453 T3 20071001 ES 2001-985421 20011218  
 ZA 2003004331 A 20040428 ZA 2003-4331 20030603  
 US 2004082624 A1 20040429 US 2003-433811 20030606  
 MX 2003PA05701 A 20031006 MX 2003-PA5701 20030620 <--  
 CH 2000-2489 A 20001220  
 WO 2001-EP14926 W 20011218

PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 137:52407

AB The invention relates to the use of aminoacetonitrile compds. in the control of endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals. Delivery systems for these parasiticides are described, such as granules that can be mixed with animal feed. For example, a dust-free coated granules were prepared by mixing an aminoacetonitrile active ingredient 3%, polyethylene glycol 3%, and kaolin 94%.

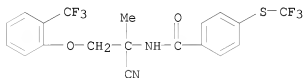
IT 438551-11-2

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(aminoacetonitrile compds. and their formulations as parasiticides for domestic animals and livestock)

RN 438551-11-2 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)

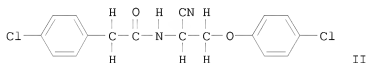


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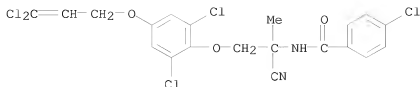
L14 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:650899 HCAPLUS  
 DOCUMENT NUMBER: 141:173978  
 TITLE: Preparation of aminoacetonitrile derivatives as agricultural and horticultural insecticides  
 INVENTOR(S): Andoh, Nobuharu; Sanpei, Osamu; Sakata, Kazuyuki  
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan  
 SOURCE: Eur. Pat. Appl., 48 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1445251	A1	20040811	EP 2004-10346	19990428
EP 1445251	B1	20061227		
R: CH, DE, FR, GB, IT, LI				
EP 953565	A2	19991103	EP 1999-107461	19990428 <--
EP 953565	A3	20021204		
EP 953565	B1	20040908		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			JP 1998-137806	A 19980501
			EP 1999-107461	A3 19990428
OTHER SOURCE(S):		MARPAT 141:173978		
GI				

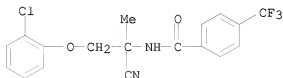


- AB The title compds. Ar1(Q)dC(O)NR3C(CN)R4(CR5R6)aW(CR7R8)bAr2 [I; Ar1, Ar2 = (substituted) Ph, (substituted) phenyloxy, (substituted) phenylacetylene; (substituted) pyridyl and (substituted) naphthyl; Q = CR1R2 (wherein R1, R2 = H, halo, (halo)alkyl, etc.); R3 = H, (halo)alkyl, etc.; R4-R8 = H, halo, (halo)alkyl, etc.; W = O, S, SO2 or NR9 (wherein R9 = H, alkyl); a, b = 0-4; d = 0-1], useful as insecticides, were prepared E.g., a multi-step synthesis of II (starting from 4-chlorophenol and bromoacetaldehyde dimethylacetal), was given. The compds. I were tested against diamondback moth and against smaller tea tortrix (data were given for representative compds. I).  
 IT 247199-28-6P 438548-44-8P  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of aminoacetonitrile derivs. as agricultural and horticultural insecticides)  
 RN 247199-28-6 HCAPLUS  
 CN Benzamide, 4-chloro-N-[1-cyano-2-[2,6-dichloro-4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



RN 438548-44-8 HCAPLUS

CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



L14 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:977572 HCAPLUS

DOCUMENT NUMBER: 138:33311

TITLE: Aminoacetonitrile derivatives as endoparasitocides

INVENTOR(S): Ducray, Pierre

PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.

SOURCE: PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

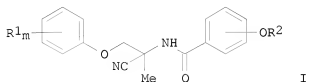
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2002102155	A1	20021227	WO 2002-EP6589	20020614 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
TW 236341	B	20050721	TW 2002-91112863	20020613
CA 2449854	A1	20021227	CA 2002-2449854	20020614 <--
AU 2002345043	A1	20030102	AU 2002-345043	20020614 <--
EP 1401277	A1	20040331	EP 2002-743200	20020614
EP 1401277	B1	20070627		
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BR 2002010926	A	20040608	BR 2002-10926	20020614
CN 1529552	A	20040915	CN 2002-814212	20020614
JP 2004530711	T	20041007	JP 2003-504752	20020614
NZ 530120	A	20050930	NZ 2002-530120	20020614

RU 2294640	C2	20070310	RU 2003-137564	20020614
AT 365455	T	20070715	AT 2002-743200	20020614
ES 2287289	T3	20071216	ES 2002-743200	20020614
ZA 2003009672	A	20040804	ZA 2003-9672	20031212
MX 2003PA11630	A	20040405	MX 2003-PA11630	20031215
IN 2003CN01997	A	20060106	IN 2003-CN1997	20031215
US 2004209950	A1	20041021	US 2004-480510	20040601
PRIORITY APPLN. INFO.:			CH 2001-1085	A 20010615
			WO 2002-EP6589	W 20020614

OTHER SOURCE(S): MARPAT 138:33311  
GI



AB The aminoacetonitrile derivs. I [R1 = (halo)alkyl, (halo)alkoxy, halo; R2 = haloalkyl; m = 1,2 or 3] control endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals.

IT 478932-60-4 478932-61-5 478932-63-7

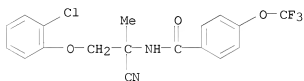
478932-64-8 478932-66-0 478932-67-1

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(aminoacetonitrile derivs. as endoparasiticides)

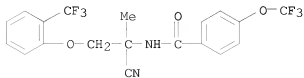
RN 478932-60-4 HCAPLUS

CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 478932-61-5 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

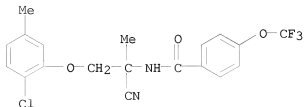




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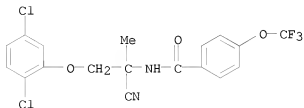
RN 478932-63-7 HCAPLUS

CN Benzamide, N-[2-(2-chloro-5-methylphenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



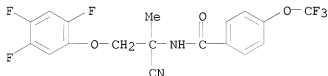
RN 478932-64-8 HCAPLUS

CN Benzamide, N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



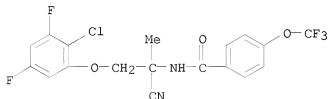
RN 478932-66-0 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-(2,4,5-trifluorophenoxy)ethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 478932-67-1 HCAPLUS

CN Benzamide, N-[2-(2-chloro-3,5-difluorophenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



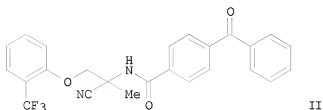
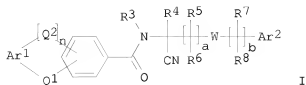
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

## RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2002:888695 HCAPLUS  
 DOCUMENT NUMBER: 137:384655  
 TITLE: Preparation of benzamidoacetonitriles for controlling parasites  
 INVENTOR(S): Ducray, Pierre; Bouvier, Jacques; Keller, Matthias; Bergamin, Corina  
 PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.; Novartis Pharma GmbH  
 SOURCE: PCT Int. Appl., 81 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002092552	A2	20021121	WO 2002-EP5294	20020514 <--
WO 2002092552	A3	20031211		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW			
RW:	AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR			
CA 2447084	A1	20021121	CA 2002-2447084	20020514 <--
AU 2002316903	A1	20021125	AU 2002-316903	20020514 <--
EP 1390344	A2	20040225	EP 2002-745292	20020514
EP 1390344	B1	20061227		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
BR 2002009828	A	20040615	BR 2002-9828	20020514
CN 1531525	A	20040922	CN 2002-811935	20020514
JP 2004533451	T	20041104	JP 2002-589438	20020514
NZ 529368	A	20050624	NZ 2002-529368	20020514
RU 2284990	C2	20061010	RU 2003-134179	20020514
AT 349421	T	20070115	AT 2002-745292	20020514
ZA 2003008592	A	20040903	ZA 2003-8592	20031104
IN 2003CN01783	A	20060106	IN 2003-CN1783	20031113
MX 2003PA10404	A	20040309	MX 2003-PA10404	20031114
US 2004220055	A1	20041104	US 2004-477289	20040601
PRIORITY APPLN. INFO.:			CH 2001-919	A 20010515
			WO 2002-EP5294	W 20020514

OTHER SOURCE(S): MARPAT 137:384655  
 GI



AB The title compds. [I; Ar1, Ar2 = (un)substituted Ph, OPh, phenylacetylenyl, etc.; Q1 = CH<sub>2</sub>, OCH<sub>2</sub>, S, SO, SO<sub>2</sub>, CO; Q2 = a bond, CO; R3 = H, alkyl, haloalkyl, etc.; R4-R8 = H, halo, alkyl, etc.; or R4 and R5 together = alkylene; W = O, S, SO<sub>2</sub>, NH, Nalkyl; a = 1-4; b = 0-4; n = 0-1] which have advantageous pesticidal properties, and are especially suitable for controlling parasites in warm-blooded animals (also humans), were prepared and formulated. Thus, amidation of benzophenone-4-carboxylic acid with 2-amino-2-methyl-3-(2-trifluoromethylphenoxy)propionitrile afforded II which showed a 100% reduction in *Trichostrongylus* infestation at 32 mg/kg.

IT 476013-54-4P 476013-56-6P 476013-57-7P

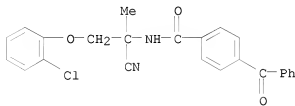
476013-62-4P 476013-63-5P 476013-64-6P

476013-65-7P 476013-66-8P 476013-67-9P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of benzamidoacetonitriles for controlling parasites)

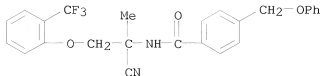
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CN Benzamide, 4-benzoyl-N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



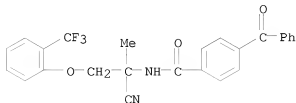
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CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(phenoxymethyl)- (CA INDEX NAME)



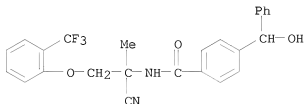
RN 476013-57-7 HCAPLUS

CN Benzamide, 4-benzoyl-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



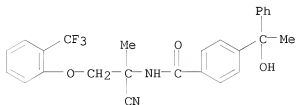
RN 476013-62-4 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(hydroxyphenyl)methyl)- (CA INDEX NAME)



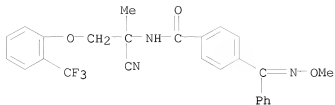
RN 476013-63-5 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(1-hydroxy-1-phenylethyl)- (CA INDEX NAME)



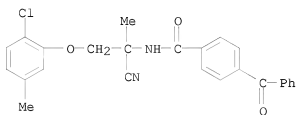
RN 476013-64-6 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-[(methoxyimino)phenylmethyl]- (CA INDEX NAME)



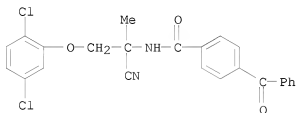
RN 476013-65-7 HCAPLUS

CN Benamide, 4-benzoyl-N-[2-(2-chloro-5-methylphenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



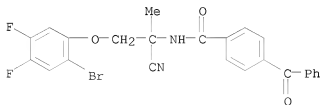
RN 476013-66-8 HCAPLUS

CN Benamide, 4-benzoyl-N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]- (CA INDEX NAME)



RN 476013-67-9 HCAPLUS

CN Benamide, 4-benzoyl-N-[2-(2-bromo-4,5-difluorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)

L14 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2002:487395 HCAPLUS

DOCUMENT NUMBER: 137:52407  
 TITLE: Aminoacetonitrile compounds and their formulations as parasiticides  
 INVENTOR(S): Ducray, Pierre; Bouvier, Jacques  
 PATENT ASSIGNEE(S): Novartis Ag, Switz.; Novartis-Erfindungen  
 Verwaltungsgesellschaft m.b.H.; Novartis Pharma GmbH  
 SOURCE: PCT Int. Appl., 38 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002049641	A2	20020627	WO 2001-EP14926	20011218 <--
WO 2002049641	A3	20031204		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW				
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CA 2432388	A1	20020627	CA 2001-2432388	20011218 <--
AU 2002034588	A	20020701	AU 2002-34588	20011218 <--
EP 1392281	A2	20040303	EP 2001-985421	20011218
EP 1392281	B1	20070221		
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BR 2001016326	A	20040706	BR 2001-16326	20011218
JP 2004521097	T	20040715	JP 2002-550981	20011218
CN 1531426	A	20040922	CN 2001-821015	20011218
NZ 526538	A	20051223	NZ 2001-526538	20011218
RU 2286775	C2	20061110	RU 2003-122196	20011218
AT 354360	T	20070315	AT 2001-985421	20011218
ES 2281453	T3	20071001	ES 2001-985421	20011218
ZA 2003004331	A	20040428	ZA 2003-4331	20030603
US 2004082624	A1	20040429	US 2003-433811	20030606
MX 2003PA05701	A	20031006	MX 2003-PA5701	20030620 <--
PRIORITY APPLN. INFO.:				
			CH 2000-2489	A 20001220
			WO 2001-EP14926	W 20011218

OTHER SOURCE(S): MARPAT 137:52407

AB The invention relates to the use of aminoacetonitrile compds. in the control of endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals. Delivery systems for these parasiticides are described, such as granules that can be mixed with animal feed. For example, a dust-free coated granules were prepared by mixing an aminoacetonitrile active ingredient 3%, polyethylene glycol 3%, and kaolin 94%.

IT 438548-33-5 438548-34-6 438548-35-7  
 438548-36-8 438548-37-9 438548-38-0  
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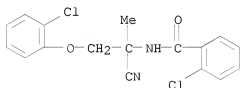
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL

(Biological study); USES (Uses)

(aminoacetonitrile compds. and their formulations as parasiticides for domestic animals and livestock)

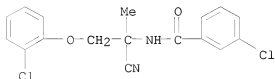
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CN Benzamide, 2-chloro-N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



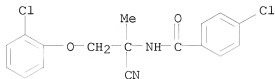
RN 438548-34-6 HCAPLUS

CN Benzamide, 3-chloro-N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



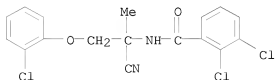
RN 438548-35-7 HCAPLUS

CN Benzamide, 4-chloro-N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



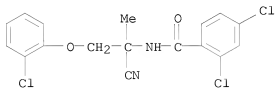
RN 438548-36-8 HCAPLUS

CN Benzamide, 2,3-dichloro-N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



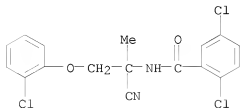
RN 438548-37-9 HCAPLUS

CN Benzamide, 2,4-dichloro-N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



RN 438548-38-0 HCAPLUS

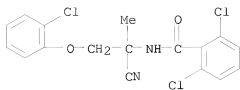
CN Benzamide, 2,6-dichloro-N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)



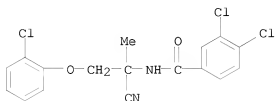
RN 438548-39-1 HCAPLUS

CN Benzamide, 2,5-dichloro-N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]- (CA INDEX NAME)

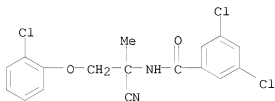




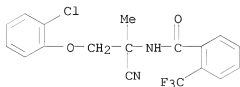
RN 438548-40-4 HCAPLUS

CN Benamide, 3,4-dichloro-N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-  
(CA INDEX NAME)

RN 438548-41-5 HCAPLUS

CN Benamide, 3,5-dichloro-N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-  
(CA INDEX NAME)

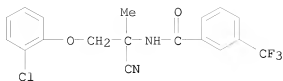
RN 438548-42-6 HCAPLUS

CN Benamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-2-(trifluoromethyl)-  
(CA INDEX NAME)

RN 438548-43-7 HCAPLUS

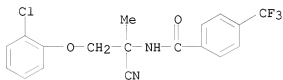
CN Benamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-3-(trifluoromethyl)-  
(CA INDEX NAME)

10577369



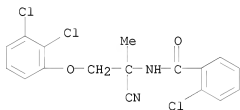
RN 438548-44-8 HCAPLUS

CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



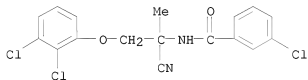
RN 438548-69-7 HCAPLUS

CN Benzamide, 2-chloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]- (CA INDEX NAME)



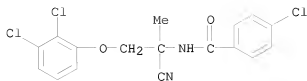
RN 438548-70-0 HCAPLUS

CN Benzamide, 3-chloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]- (CA INDEX NAME)

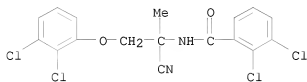


RN 438548-71-1 HCAPLUS

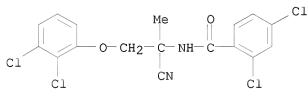
CN Benzamide, 4-chloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]- (CA INDEX NAME)



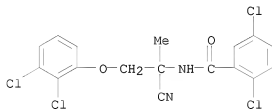
RN 438548-72-2 HCAPLUS

CN Benzamide, 2,3-dichloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)

RN 438548-73-3 HCAPLUS

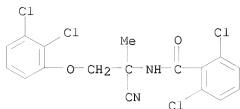
CN Benzamide, 2,4-dichloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)

RN 438548-74-4 HCAPLUS

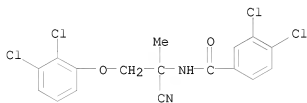
CN Benzamide, 2,5-dichloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)

RN 438548-75-5 HCAPLUS

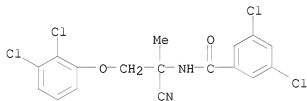
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(CA INDEX NAME)



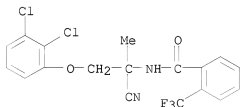
RN 438548-76-6 HCAPLUS

CN Benzamide, 3,4-dichloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)

RN 438548-77-7 HCAPLUS

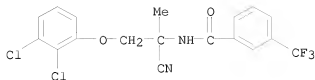
CN Benzamide, 3,5-dichloro-N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)

RN 438548-78-8 HCAPLUS

CN Benzamide, N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-2-(trifluoromethyl)-  
(CA INDEX NAME)

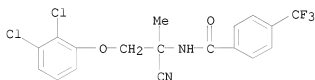
RN 438548-79-9 HCAPLUS

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(CA INDEX NAME)



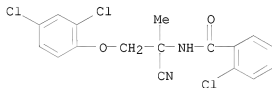
RN 438548-80-2 HCAPLUS

CN Benamide, N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



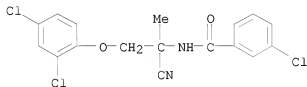
RN 438548-81-3 HCAPLUS

CN Benamide, 2-chloro-N-[1-cyano-2-(2,4-dichlorophenoxy)-1-methylethyl]- (CA INDEX NAME)



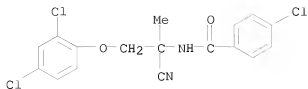
RN 438548-82-4 HCAPLUS

CN Benamide, 3-chloro-N-[1-cyano-2-(2,4-dichlorophenoxy)-1-methylethyl]- (CA INDEX NAME)

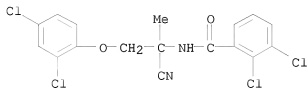


RN 438548-83-5 HCAPLUS

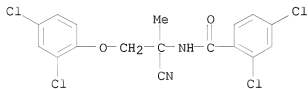
CN Benamide, 4-chloro-N-[1-cyano-2-(2,4-dichlorophenoxy)-1-methylethyl]- (CA INDEX NAME)



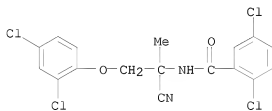
RN 438548-84-6 HCAPLUS

CN Benzamide, 2,3-dichloro-N-[1-cyano-2-(2,4-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)

RN 438548-85-7 HCAPLUS

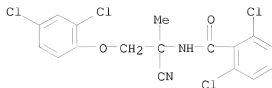
CN Benzamide, 2,4-dichloro-N-[1-cyano-2-(2,4-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)

RN 438548-86-8 HCAPLUS

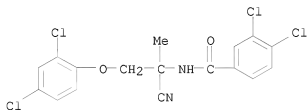
CN Benzamide, 2,5-dichloro-N-[1-cyano-2-(2,4-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)

RN 438548-87-9 HCAPLUS

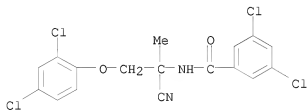
CN Benzamide, 2,6-dichloro-N-[1-cyano-2-(2,4-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)



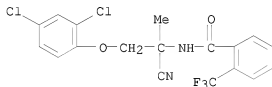
RN 438548-88-0 HCAPLUS

CN Benzamide, 3,4-dichloro-N-[1-cyano-2-(2,4-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)

RN 438548-89-1 HCAPLUS

CN Benzamide, 3,5-dichloro-N-[1-cyano-2-(2,4-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)

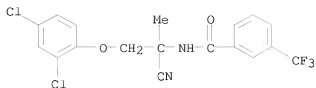
RN 438548-90-4 HCAPLUS

CN Benzamide, N-[1-cyano-2-(2,4-dichlorophenoxy)-1-methylethyl]-2-(trifluoromethyl)-  
(CA INDEX NAME)

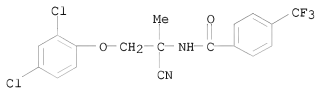
RN 438548-91-5 HCAPLUS

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(CA INDEX NAME)

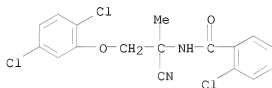
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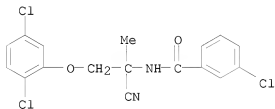
RN 438548-92-6 HCAPLUS  
CN Benzamide, N-[1-cyano-2-(2,4-dichlorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 438548-93-7 HCAPLUS  
CN Benzamide, 2-chloro-N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]- (CA INDEX NAME)



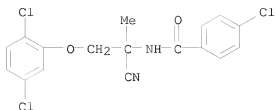
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CN Benzamide, 3-chloro-N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]- (CA INDEX NAME)



RN 438548-95-9 HCAPLUS  
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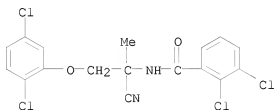


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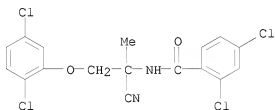
RN 438548-96-0 HCAPLUS

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(CA INDEX NAME)



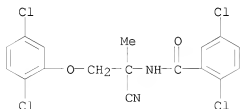
RN 438548-97-1 HCAPLUS

CN Benamide, 2,4-dichloro-N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)



RN 438548-98-2 HCAPLUS

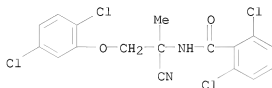
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(CA INDEX NAME)



RN 438548-99-3 HCAPLUS

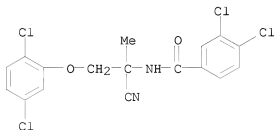
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CN Benzamide, 2,6-dichloro-N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)



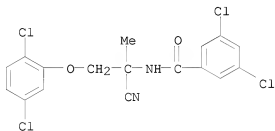
RN 438549-00-9 HCAPLUS

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(CA INDEX NAME)



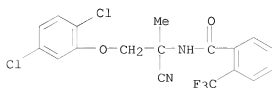
RN 438549-01-0 HCAPLUS

CN Benzamide, 3,5-dichloro-N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)



RN 438549-02-1 HCAPLUS

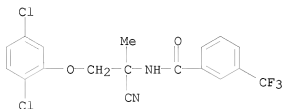
CN Benzamide, N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-2-(trifluoromethyl)-  
(CA INDEX NAME)



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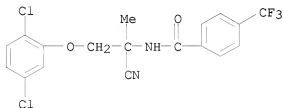
RN 438549-03-2 HCAPLUS

CN Benzamide, N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-3-(trifluoromethyl)- (CA INDEX NAME)



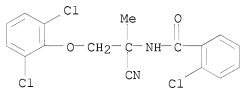
RN 438549-04-3 HCAPLUS

CN Benzamide, N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



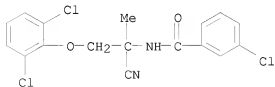
RN 438549-05-4 HCAPLUS

CN Benzamide, 2-chloro-N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]- (CA INDEX NAME)



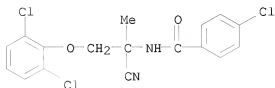
RN 438549-06-5 HCAPLUS

CN Benzamide, 3-chloro-N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]- (CA INDEX NAME)



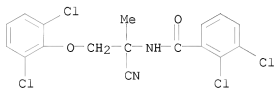
RN 438549-07-6 HCAPLUS

CN Benzamide, 4-chloro-N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)



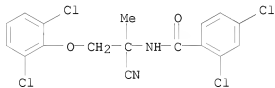
RN 438549-08-7 HCAPLUS

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(CA INDEX NAME)



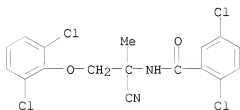
RN 438549-09-8 HCAPLUS

CN Benzamide, 2,4-dichloro-N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)



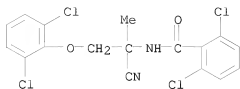
RN 438549-10-1 HCAPLUS

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(CA INDEX NAME)

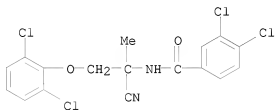


RN 438549-11-2 HCAPLUS

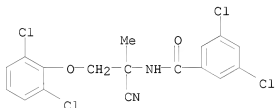
CN Benzamide, 2,6-dichloro-N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)



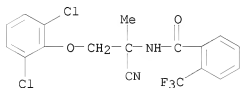
RN 438549-12-3 HCAPLUS

CN Benzamide, 3,4-dichloro-N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)

RN 438549-13-4 HCAPLUS

CN Benzamide, 3,5-dichloro-N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-  
(CA INDEX NAME)

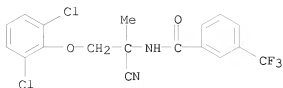
RN 438549-14-5 HCAPLUS

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(trifluoromethyl)- (CA INDEX NAME)

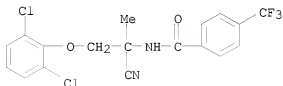
RN 438549-15-6 HCAPLUS

CN Benzamide, N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-3-  
(trifluoromethyl)- (CA INDEX NAME)

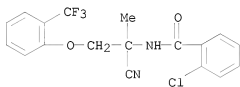
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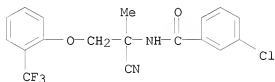
RN 438549-16-7 HCAPLUS  
 CN Benzamide, N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



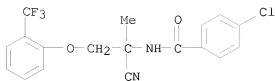
RN 438549-41-8 HCAPLUS  
 CN Benzamide, 2-chloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-1)- (CA INDEX NAME)



RN 438549-42-9 HCAPLUS  
 CN Benzamide, 3-chloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-1)- (CA INDEX NAME)

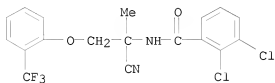


RN 438549-43-0 HCAPLUS  
 CN Benzamide, 4-chloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-1)- (CA INDEX NAME)



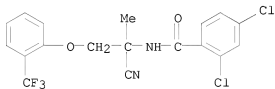
RN 438549-44-1 HCAPLUS

CN Benamide, 2,3-dichloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



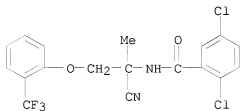
RN 438549-45-2 HCAPLUS

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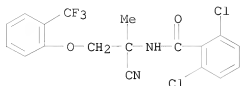
RN 438549-46-3 HCAPLUS

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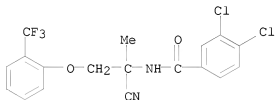
RN 438549-47-4 HCAPLUS

CN Benamide, 2,6-dichloro-N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



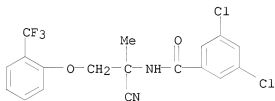
RN 438549-48-5 HCAPLUS

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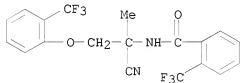
RN 438549-49-6 HCAPLUS

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RN 438549-50-9 HCAPLUS

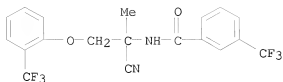
CN Benamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-2-(trifluoromethyl)- (CA INDEX NAME)



RN 438549-51-0 HCAPLUS

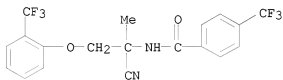
CN Benamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-3-(trifluoromethyl)- (CA INDEX NAME)





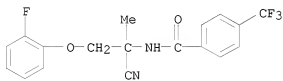
RN 438549-52-1 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[(2-(trifluoromethyl)phenoxy)]ethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



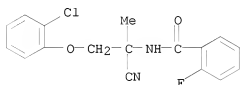
RN 438550-99-3 HCAPLUS

CN Benzamide, N-[1-cyano-2-(2-fluorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



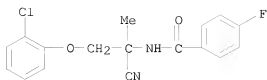
RN 438551-00-9 HCAPLUS

CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-2-fluoro- (CA INDEX NAME)



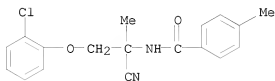
RN 438551-01-0 HCAPLUS

CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-4-fluoro- (CA INDEX NAME)



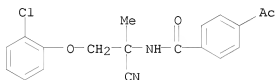
RN 438551-02-1 HCAPLUS

CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-4-methyl- (CA INDEX NAME)



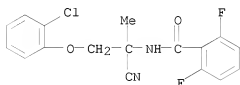
RN 438551-03-2 HCAPLUS

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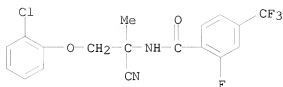
RN 438551-04-3 HCAPLUS

CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-2,6-difluoro- (CA INDEX NAME)



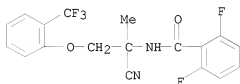
RN 438551-05-4 HCAPLUS

CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-2-fluoro-4-(trifluoromethyl)- (CA INDEX NAME)



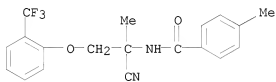
RN 438551-06-5 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-2,6-difluoro- (CA INDEX NAME)



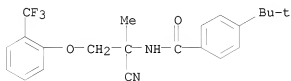
RN 438551-07-6 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-methyl- (CA INDEX NAME)



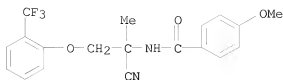
RN 438551-08-7 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(1,1-dimethylethyl)- (CA INDEX NAME)



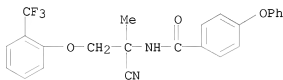
RN 438551-09-8 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-methoxy- (CA INDEX NAME)



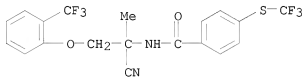
RN 438551-10-1 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-phenoxy- (CA INDEX NAME)



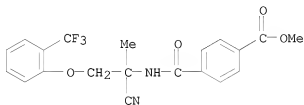
RN 438551-11-2 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



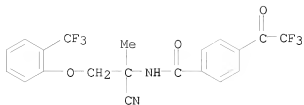
RN 438551-12-3 HCAPLUS

CN Benzoic acid, 4-[[[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]amino]carbonyl]-, methyl ester (CA INDEX NAME)



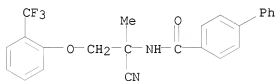
RN 438551-13-4 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



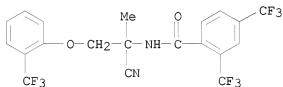
RN 438551-14-5 HCAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]- (CA INDEX NAME)



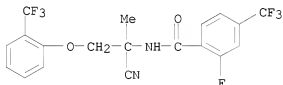
RN 438551-15-6 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-2,4-bis(trifluoromethyl)- (CA INDEX NAME)



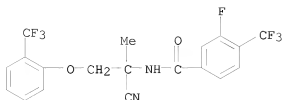
RN 438551-17-8 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-2-fluoro-4-(trifluoromethyl)- (CA INDEX NAME)



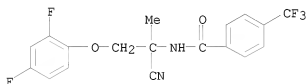
RN 438551-18-9 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-3-fluoro-4-(trifluoromethyl)- (CA INDEX NAME)



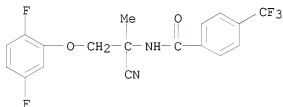
RN 438551-24-7 HCAPLUS

CN Benamide, N-[1-cyano-2-(2,4-difluorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



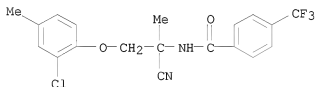
RN 438551-25-8 HCAPLUS

CN Benamide, N-[1-cyano-2-(2,5-difluorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



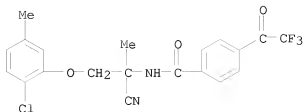
RN 438551-26-9 HCAPLUS

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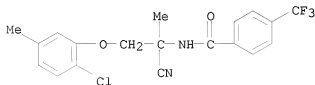
RN 438551-27-0 HCAPLUS

CN Benamide, N-[2-(2-chloro-5-methylphenoxy)-1-cyano-1-methylethyl]-4-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



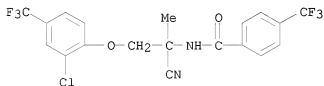
RN 438551-28-1 HCAPLUS

CN Benzamide, N-[2-(2-chloro-5-methylphenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



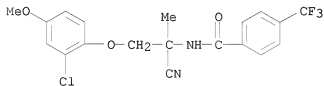
RN 438551-29-2 HCAPLUS

CN Benzamide, N-[2-(2-chloro-4-(trifluoromethyl)phenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



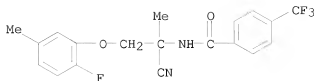
RN 438551-30-5 HCAPLUS

CN Benzamide, N-[2-(2-chloro-4-methoxyphenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



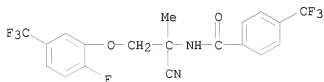
RN 438551-32-7 HCAPLUS

CN Benzamide, N-[1-cyano-2-(2-fluoro-5-methylphenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



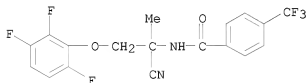
RN 438551-33-8 HCAPLUS

CN Benamide, N-[1-cyano-2-[2-fluoro-5-(trifluoromethyl)phenoxy]-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 438551-34-9 HCAPLUS

CN Benamide, N-[1-cyano-1-methyl-2-(2,3,6-trifluorophenoxy)ethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



L14 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1999:708444 HCAPLUS

DOCUMENT NUMBER: 131:310455

TITLE: Preparation of aroylaminoacetonitriles as agricultural and horticultural insecticides

INVENTOR(S): Andoh, Nobuharu; Sanpei, Osamu; Sakata, Kazuyuki

PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan

SOURCE: Eur. Pat. Appl., 63 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 953565	A2	19991103	EP 1999-107461	19990428 <--
EP 953565	A3	20021204		
EP 953565	B1	20040908		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO



US 6239077	B1	20010529	US 1999-295319	19990421 <--
TW 585849	B	20040501	TW 1999-88106732	19990427
EP 1445251	A1	20040811	EP 2004-10346	19990428
EP 1445251	B1	20061227		
R: CH, DE, FR, GB, IT, LI				
CN 1234177	A	19991110	CN 1999-105289	19990430 <--
CN 1132516	B	20031231		
AU 9926027	A	19991111	AU 1999-26027	19990430 <--
AU 752112	B2	20020905		
JP 2000026392	A	20000125	JP 1999-124560	19990430 <--
PRIORITY APPLN. INFO.:			JP 1998-137806	A 19980501
			EP 1999-107461	A3 19990428

OTHER SOURCE(S): MARPAT 131:310455

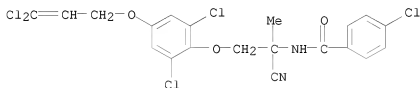
AB Ar1QcCONR3C(CN)R4(CR5R6)aW(CR7R8)bAr2 [I; Ar1, Ar2 = (substituted) Ph, PhO, pyridyl, pyridyloxy, naphthyl; Q = CR1R2; R1, R2 = H, halo, (halo)alkyl, (halo)alkoxy, (substituted) cycloalkyl; R1R2 = (substituted) C2-6 alkylene, CH:CH, C.tplbond.C; d = 0, 1; R3 = H, (halo)alkyl; R4-R8 = H, halo, (halo)alkyl; W = O, S, SO2, NR9; R9 = H, alkyl; a, b = 0-4], were prepared Thus, 4-chlorophenol, bromoacetaldehyde di-Me acetal, K2CO3, and cat. NaI were refluxed 3 h in DMF to give 4-chlorophenoxyacetaldehyde di-Me acetal. This was refluxed with aqueous HCl in acetone to give crude 4-chlorophenoxyacetaldehyde, which was stirred with NaCN and NH4Cl in aqueous NH3 to give a residue. This was stirred with 4-chlorophenylacetyl chloride and Et3N in THF to give I (Ar1, Ar2 = 4-ClC6H4; R1-R8 = H; W = O; a, d = 1; b = 0). Numerous I at 500 ppm gave 100% kill of Plutella xylostella on cabbage seedlings.

IT 247199-28-6P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of aroylaminoacetonitriles as agricultural and horticultural insecticides)

RN 247199-28-6 HCAPLUS

CN Benzamide, 4-chloro-N-[1-cyano-2-[2,6-dichloro-4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]-1-methylethyl]- (9CI) (CA INDEX NAME)



=&gt; d l15 ibib abs hitstr tot

L15 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:650899 HCAPLUS

DOCUMENT NUMBER: 141:173978

TITLE: Preparation of aminoacetonitrile derivatives as agricultural and horticultural insecticides

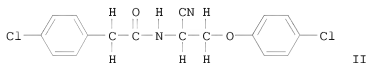
INVENTOR(S): Andoh, Nobuharu; Sanpei, Osamu; Sakata, Kazuyuki

PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan

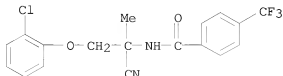
SOURCE: Eur. Pat. Appl., 48 pp.

DOCUMENT TYPE: CODEN: EPXXDW  
 LANGUAGE: Patent  
 FAMILY ACC. NUM. COUNT: 2 English  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1445251	A1	20040811	EP 2004-10346	19990428
EP 1445251	B1	20061227		
R: CH, DE, FR, GB, IT, LI				
EP 953565	A2	19991103	EP 1999-107461	19990428 <--
EP 953565	A3	20021204		
EP 953565	B1	20040908		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			JP 1998-137806	A 19980501
			EP 1999-107461	A3 19990428
OTHER SOURCE(S):			MARPAT 141:173978	
GI				



- AB The title compds. Ar1(Q)dC(O)NR3C(CN)R4(CR5R6)aW(CR7R8)bAr2 [I; Ar1, Ar2 = (substituted) Ph, (substituted) phenyloxy, (substituted) phenylacetylene; (substituted) pyridyl and (substituted) naphthyl; Q = CR1R2 (wherein R1, R2 = H, halo, (halo)alkyl, etc.); R3 = H, (halo)alkyl, etc.; R4-R8 = H, halo, (halo)alkyl, etc.; W = O, S, SO2 or NR9 (wherein R9 = H, alkyl); a, b = 0-4; d = 0-1], useful as insecticides, were prepared E.g., a multi-step synthesis of II (starting from 4-chlorophenol and bromoacetaldehyde dimethylacetal), was given. The compds. I were tested against diamondback moth and against smaller tea tortrix (data were given for representative compds. I).
- IT 438548-44-8P  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of aminoacetonitrile derivs. as agricultural and horticultural insecticides)
- RN 438548-44-8 HCAPLUS
- CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



L15 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2002:487395 HCAPLUS  
 DOCUMENT NUMBER: 137:52407  
 TITLE: Aminoacetonitrile compounds and their formulations as parasiticides  
 INVENTOR(S): Ducray, Pierre; Bouvier, Jacques  
 PATENT ASSIGNEE(S): Novartis Ag, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.; Novartis Pharma GmbH  
 SOURCE: PCT Int. Appl., 38 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002049641	A2	20020627	WO 2001-EP14926	20011218 <--
WO 2002049641	A3	20031204		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW			
RW:	AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR			
CA 2432388	A1	20020627	CA 2001-2432388	20011218 <--
AU 2002034588	A	20020701	AU 2002-34588	20011218 <--
EP 1392281	A2	20040303	EP 2001-985421	20011218
EP 1392281	B1	20070221		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
BR 2001016326	A	20040706	BR 2001-16326	20011218
JP 2004521097	T	20040715	JP 2002-550981	20011218
CN 1531426	A	20040922	CN 2001-821015	20011218
NZ 526538	A	20051223	NZ 2001-526538	20011218
RU 2286775	C2	20061110	RU 2003-122196	20011218
AT 354360	T	20070315	AT 2001-985421	20011218
ES 2281453	T3	20071001	ES 2001-985421	20011218
ZA 2003004331	A	20040428	ZA 2003-4331	20030603
US 2004082624	A1	20040429	US 2003-433811	20030606
MX 2003PA05701	A	20031006	MX 2003-PA5701	20030620 <--
PRIORITY APPLN. INFO.:			CH 2000-2489	A 20001220
			WO 2001-EP14926	W 20011218

OTHER SOURCE(S): MARPAT 137:52407

AB The invention relates to the use of aminoacetonitrile compds. in the control of endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals. Delivery systems for these parasiticides are described, such as granules that can be mixed with animal feed. For example, a dust-free coated granules were prepared by mixing an aminoacetonitrile active ingredient 3%, polyethylene glycol 3%, and kaolin 94%.

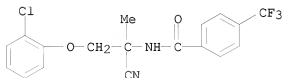
IT 438548-44-8 438548-80-2 438548-92-6  
 438549-04-3 438549-16-7 438549-52-1  
 438550-99-3 438551-05-4 438551-15-6

438551-17-8 438551-18-9 438551-24-7  
 438551-25-8 438551-26-9 438551-28-1  
 438551-29-2 438551-30-5 438551-32-7  
 438551-33-8 438551-34-9

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
 (Biological study); USES (Uses)  
 (aminoacetonitrile compds. and their formulations as parasiticides for  
 domestic animals and livestock)

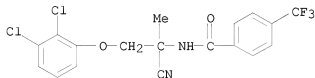
RN 438548-44-8 HCAPLUS

CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-4-  
 (trifluoromethyl)- (CA INDEX NAME)



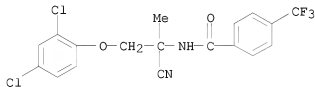
RN 438548-80-2 HCAPLUS

CN Benzamide, N-[1-cyano-2-(2,3-dichlorophenoxy)-1-methylethyl]-4-  
 (trifluoromethyl)- (CA INDEX NAME)



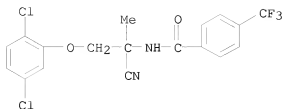
RN 438548-92-6 HCAPLUS

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 (trifluoromethyl)- (CA INDEX NAME)



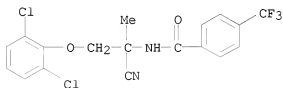
RN 438549-04-3 HCAPLUS

CN Benzamide, N-[1-cyano-2-(2,5-dichlorophenoxy)-1-methylethyl]-4-  
 (trifluoromethyl)- (CA INDEX NAME)



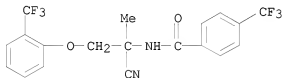
RN 438549-16-7 HCAPLUS

CN Benzamide, N-[1-cyano-2-(2,6-dichlorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



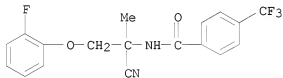
RN 438549-52-1 HCAPLUS

CN Benzamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



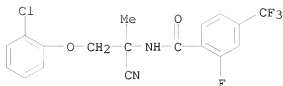
RN 438550-99-3 HCAPLUS

CN Benzamide, N-[1-cyano-2-(2-fluorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



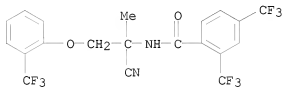
RN 438551-05-4 HCAPLUS

CN Benzamide, N-[2-(2-chlorophenoxy)-1-cyano-1-methylethyl]-2-fluoro-4-(trifluoromethyl)- (CA INDEX NAME)



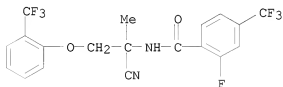
RN 438551-15-6 HCAPLUS

CN Benamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-2,4-bis(trifluoromethyl)- (CA INDEX NAME)



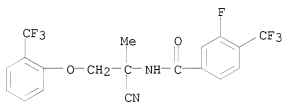
RN 438551-17-8 HCAPLUS

CN Benamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-2-fluoro-4-(trifluoromethyl)- (CA INDEX NAME)



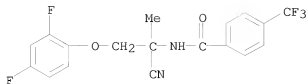
RN 438551-18-9 HCAPLUS

CN Benamide, N-[1-cyano-1-methyl-2-[2-(trifluoromethyl)phenoxy]ethyl]-3-fluoro-4-(trifluoromethyl)- (CA INDEX NAME)



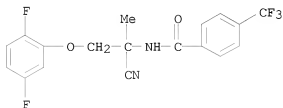
RN 438551-24-7 HCAPLUS

CN Benamide, N-[1-cyano-2-(2,4-difluorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



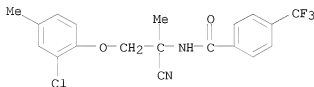
RN 438551-25-8 HCAPLUS

CN Benzamide, N-[1-cyano-2-(2,5-difluorophenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



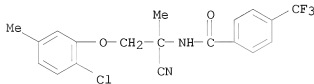
RN 438551-26-9 HCAPLUS

CN Benzamide, N-[2-(2-chloro-4-methylphenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 438551-28-1 HCAPLUS

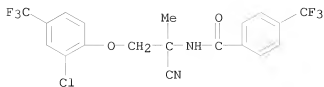
CN Benzamide, N-[2-(2-chloro-5-methylphenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 438551-29-2 HCAPLUS

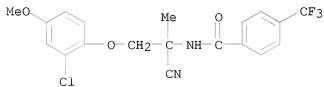
CN Benzamide, N-[2-[2-chloro-4-(trifluoromethyl)phenoxy]-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)

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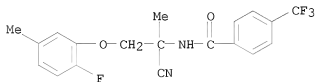
RN 438551-30-5 HCAPLUS

CN Benamide, N-[2-(2-chloro-4-methoxyphenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



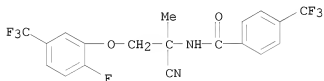
RN 438551-32-7 HCAPLUS

CN Benamide, N-[1-cyano-2-(2-fluoro-5-methylphenoxy)-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 438551-33-8 HCAPLUS

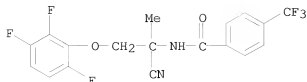
CN Benamide, N-[1-cyano-2-[2-fluoro-5-(trifluoromethyl)phenoxy]-1-methylethyl]-4-(trifluoromethyl)- (CA INDEX NAME)



RN 438551-34-9 HCAPLUS

CN Benamide, N-[1-cyano-1-methyl-2-(2,3,6-trifluorophenoxy)ethyl]-4-(trifluoromethyl)- (CA INDEX NAME)





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L10 ANSWER 1 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:174094 HCAPLUS

DOCUMENT NUMBER: 146:251611

TITLE: Preparation of amidonitrile compounds as parasiticides

INVENTOR(S): Ducray, Pierre; Fruechtel, Joerg; Gauvry, Noelle;

Schorderet Weber, Sandra

PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis Pharma GmbH

SOURCE: PCT Int. Appl., 53pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007017088	A1	20070215	WO 2006-EP7259	20060724
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPLN. INFO.:

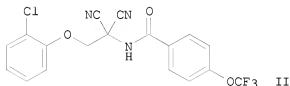
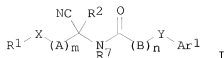
MARPAT 146:251611

EP 2005-16071

A 20050725

OTHER SOURCE(S):

GI



AB Title Comps. Represented By The Formula I [Wherein R1 = H, alkyl, (un)substituted aryl, etc.; R2 = CN, CONR8R9 or CO2R8; A = CR3R4; B = CR5R6; R3-R9 = independently H, (cyclo)alkyl, alkenyl or alkynyl; Ar1 = (un)substituted (hetero)aryl; and their enantiomers or salts thereof] were prepared as parasitocides. For example, amidation of aminomalononitrile p-toluenesulfonate with 4-trifluoromethoxybenzoyl chloride, and followed by substitution with 1-chloro-2-chloromethoxybenzene gave II. II showed more than 80% control rate at 32 mg/kg p.o. on *T. colubriformis* and *H. contortus*. I have advantageous pesticidal properties for the control of parasites in and on warm-blooded animals.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:469873 HCAPLUS

DOCUMENT NUMBER: 144:488414

TITLE: Chromatographic resolution process for the preparation of enantiomers of benzamidoacetonitriles from their racemates using chiral chromatographic stationary phases

INVENTOR(S): Ducray, Pierre; Gauvry, Noelle; Goebel, Thomas; Pautrat, Francois

PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis Pharma GmbH

SOURCE: PCT Int. Appl., 19 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006050887	A1	20060518	WO 2005-EP11884	20051107
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				

IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,  
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY,  
KG, KZ, MD, RU, TJ, TM

AU 2005303993	A1	20060518	AU 2005-303993	20051107
CA 2580247	A1	20060518	CA 2005-2580247	20051107
EP 1812385	A1	20070801	EP 2005-803815	20051107

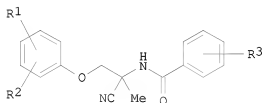
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR

CN 101056849	A	20071017	CN 2005-80038335	20051107
IN 2007DN02205	A	20070803	IN 2007-DN2205	20070321
US 2008045601	A1	20080221	US 2007-667148	20070504
MX 200705548	A	20070521	MX 2007-5548	20070508
KR 2007084061	A	20070824	KR 2007-710431	20070508

PRIORITY APPLN. INFO.: EP 2004-26510 A 20041109  
WO 2005-EP11884 W 20051107

OTHER SOURCE(S): MARPAT 144:488414

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AB Pure enantiomers of benzoamidoacetonitriles [I; R1-R3 = hydrogen, halogen, nitro, cyano, (un)substituted alkyl, (un)substituted alkoxy, (un)substituted alkenyl, (un)substituted alkynyl, (un)substituted alkenyloxy, (un)substituted alkylthio, (un)substituted alkylsulfonyloxy, (un)substituted alkylsulfinyl, etc.; e.g., (-)-(S)-N-[1-cyano-2-(5-cyano-2-trifluoromethylphenoxy)-1-methylethyl]-4-trifluoromethylsulfanylbenzamide] are prepared by the chromatog. of alc. solns. (e.g., MeOH-EtOH mixts.) of the I racemates [e.g., N-[1-cyano-2-(5-cyano-2-trifluoromethylphenoxy)-1-methylethyl]-4-trifluoromethylsulfanylbenzamide] using chiral chromatog. stationary phases (e.g., Chiralpak polysaccharide), followed by the epimerization of the unwanted enantiomer [e.g., (+)-(R)-N-[1-cyano-2-(5-cyano-2-trifluoromethylphenoxy)-1-methylethyl]-4-trifluoromethylsulfanylbenzamide] into the I racemate by heating an aqueous 1,4-dioxane solution of it with NaCN, followed by chromatog. re-resolution

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:1331229 HCAPLUS

DOCUMENT NUMBER: 144:69626

TITLE: Preparation of aminoacetonitrile derivatives for

controlling parasites on warm-blooded animals

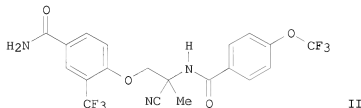
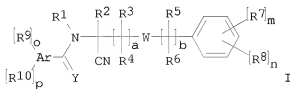
INVENTOR(S): Gauvry, Noelle; Ducray, Pierre; Goebel, Thomas;

Kaminsky, Ronald

PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.

SOURCE: PCT Int. Appl., 95 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005121075	A1	20051222	WO 2005-EP6207	20050609
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2005251917	A1	20051222	AU 2005-251917	20050609
EP 1758849	A1	20070307	EP 2005-751761	20050609
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR			
JP 2008501761	T	20080124	JP 2007-526305	20050609
PRIORITY APPLN. INFO.:			EP 2004-13690	A 20040610
			WO 2005-EP6207	W 20050609
OTHER SOURCE(S):		CASREACT 144:69626; MARPAT 144:69626		
GI				



AB The title compds. I [Ar = (un)substituted (hetero)aryl; R1 = H, alkyl, haloalkyl, etc.; R2-R6 = H, halo, (un)substituted alkyl, etc.; or R2 and R3 are together alkylene; R7, R10 = NH2, OH, SH, etc.; R8 = halo, NO2, CN, etc.; R9 = halo, NO2, CN, etc.; a = 1-4; b = 0-4; m, n, o, p = 0-5; W = O, S, SO2, etc.; Y = O, S, NR11 (R11 = alkyl, (un)substituted Ph); with the

proviso that m and p are not equal to 0 at the same time] which have advantageous pesticidal properties and are particularly suitable for controlling parasites in warm-blooded animals, were prepared and formulated. E.g., a multi-step synthesis of II, starting from 4-fluoro-3-trifluoromethylbenzonitrile, was given. Compound II reduced the number of nematode worms by more than 95% in in vivo test against *Trichostrongylus colubriformis* and *Haemonchus contortus* in Mongolian gerbils by peroral administration.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:429386 HCAPLUS

DOCUMENT NUMBER: 142:481750

TITLE: A preparation of acetonitrile derivatives, useful as pesticides

INVENTOR(S): Gauvry, Noelle; Goebel, Thomas; Ducray, Pierre; Pautrat, Francois; Kaminsky, Ronald; Jung, Martin

PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.

SOURCE: PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

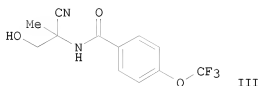
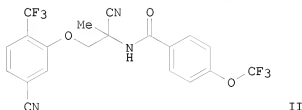
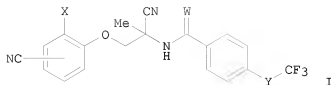
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005044784	A1	20050519	WO 2004-EP12559	20041105
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004287611	A1	20050519	AU 2004-287611	20041105
CA 2544741	A1	20050519	CA 2004-2544741	20041105
EP 1682493	A1	20060726	EP 2004-797665	20041105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
BR 2004016294	A	20070123	BR 2004-16294	20041105
CN 1902162	A	20070124	CN 2004-80039913	20041105
JP 2007510632	T	20070426	JP 2006-537263	20041105
MX 2006PA05036	A	20060706	MX 2006-PA5036	20060504
KR 793462	B1	20080114	KR 2006-708717	20060504
IN 2006CN01565	A	20070706	IN 2006-CN1565	20060505
US 2007072944	A1	20070329	US 2006-577369	20060626
PRIORITY APPLN. INFO.:			EP 2003-25290	A 20031106
			GB 2004-2677	A 20040206
			WO 2004-EP12559	W 20041105

OTHER SOURCE(S): MARPAT 142:481750

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AB The invention relates to a preparation of acetonitrile derivs. of formula I [wherein: X is Cl, Br, or CF<sub>3</sub>; Y is a single bond, O, S, S(O), or SO<sub>2</sub>; W is O or S], useful as pesticides. The active ingredients have advantageous pesticidal properties. They are especially suitable for controlling parasites in and on warm-blooded animals. For instance, acetonitrile derivative II was prepared via etherification of alc. III by 3-fluoro-4-trifluoromethylbenzonitrile. The efficacy was calculated as the % reduction of the number of worms in each gerbil, compared with the geometric average

of number of worms from 6 infected and untreated gerbils (mongolian gerbils, 3.2 mg/kg; H. contortus.: 100%, T. colubriformis.: 100%).

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:977572 HCAPLUS

DOCUMENT NUMBER: 138:33311

TITLE: Aminoacetonitrile derivatives as endoparasiticides

INVENTOR(S): Ducray, Pierre

PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.

SOURCE: PCT Int. Appl., 31 pp.

CODEN: PIXXD2

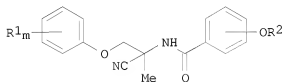
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002102155	A1	20021227	WO 2002-EP6589	20020614
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
TW 236341	B	20050721	TW 2002-91112863	20020613
CA 2449854	A1	20021227	CA 2002-2449854	20020614
AU 2002345043	A1	20030102	AU 2002-345043	20020614
EP 1401277	A1	20040331	EP 2002-743200	20020614
EP 1401277	B1	20070627		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002010926	A	20040608	BR 2002-10926	20020614
CN 1529552	A	20040915	CN 2002-814212	20020614
JP 2004530711	T	20041007	JP 2003-504752	20020614
NZ 530120	A	20050930	NZ 2002-530120	20020614
RU 2294640	C2	20070310	RU 2003-137564	20020614
AT 365455	T	20070715	AT 2002-743200	20020614
ES 2287289	T3	20071216	ES 2002-743200	20020614
ZA 2003009672	A	20040804	ZA 2003-9672	20031212
MX 2003PA11630	A	20040405	MX 2003-PA11630	20031215
IN 2003CN01997	A	20060106	IN 2003-CN1997	20031215
US 2004209950	A1	20041021	US 2004-480510	20040601
PRIORITY APPLN. INFO.:			CH 2001-1085	A 20010615
			WO 2002-EP6589	W 20020614
OTHER SOURCE(S):	MARPAT 138:33311			
GI				



AB The aminoacetonitrile derivs. I [R1 = (halo)alkyl, (halo)alkoxy, halo; R2 = haloalkyl; m = 1,2 or 3] control endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 6 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:487395 HCAPLUS

DOCUMENT NUMBER: 137:52407

TITLE: Aminoacetonitrile compounds and their formulations as parasiticides

INVENTOR(S): Ducray, Pierre; Bouvier, Jacques

PATENT ASSIGNEE(S): Novartis Ag, Switz.; Novartis-Erfindungen  
Verwaltungsgesellschaft m.b.H.; Novartis Pharma GmbH  
SOURCE: PCT Int. Appl., 38 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002049641	A2	20020627	WO 2001-EP14926	20011218
WO 2002049641	A3	20031204		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW			
RW:	AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR			
CA 2432388	A1	20020627	CA 2001-2432388	20011218
AU 2002034588	A	20020701	AU 2002-34588	20011218
EP 1392281	A2	20040303	EP 2001-985421	20011218
EP 1392281	B1	20070221		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
BR 2001016326	A	20040706	BR 2001-16326	20011218
JP 2004521097	T	20040715	JP 2002-550981	20011218
CN 1531426	A	20040922	CN 2001-821015	20011218
NZ 526538	A	20051223	NZ 2001-526538	20011218
RU 2286775	C2	20061110	RU 2003-122196	20011218
AT 354360	T	20070315	AT 2001-985421	20011218
ES 2281453	T3	20071001	ES 2001-985421	20011218
ZA 2003004331	A	20040428	ZA 2003-4331	20030603
US 2004082624	A1	20040429	US 2003-433811	20030606
MX 2003PA05701	A	20031006	MX 2003-PA5701	20030620
PRIORITY APPLN. INFO.:			CH 2000-2489	A 20001220
			WO 2001-EP14926	W 20011218

OTHER SOURCE(S): MARPAT 137:52407

AB The invention relates to the use of aminoacetonitrile compds. in the control of endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals. Delivery systems for these parasiticides are described, such as granules that can be mixed with animal feed. For example, a dust-free coated granules were prepared by mixing an aminoacetonitrile active ingredient 3%, polyethylene glycol 3%, and kaolin 94%.

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L11 ANSWER 1 OF 9 HCAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 2007:174094 HCAPLUS

DOCUMENT NUMBER: 146:251611

TITLE: Preparation of amidonitrile compounds as parasiticides  
Ducray, Pierre; Fruechtel, Joerg; Gauvry, Noelle;  
Schorderet Weber, Sandra

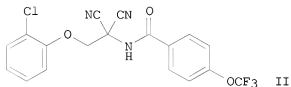
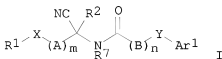
PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis Pharma GmbH



SOURCE: PCT Int. Appl., 53pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007017088	A1	20070215	WO 2006-EP7259	20060724
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KE, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.: EP 2005-16071 A 20050725  
 OTHER SOURCE(S): MARPAT 146:251611  
 GI

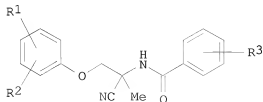


AB Title Comps. Represented By The Formula I [Wherein R1 = H, alkyl, (un)substituted aryl, etc.; R2 = CN, CONR8R9 or CO2R8; A = CR3R4; B = CR5R6; R3-R9 = independently H, (cyclo)alkyl, alkenyl or alkynyl; Ar1 = (un)substituted (hetero)aryl; and their enantiomers or salts thereof] were prepared as parasiticides. For example, amidation of aminomalononitrile p-toluenesulfonate with 4-trifluoromethoxybenzoyl chloride, and followed by substitution with 1-chloro-2-chloromethoxybenzene gave II. II showed more than 80% control rate at 32 mg/kg p.o. on *T. colubriformis* and *H. contortus*. I have advantageous pesticidal properties for the control of parasites in and on warm-blooded animals.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 9 HCAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2006:469873 HCAPLUS  
 DOCUMENT NUMBER: 144:488414  
 TITLE: Chromatographic resolution process for the preparation  
 of enantiomers of benzamidoacetoneitriles from their  
 racemates using chiral chromatographic stationary  
 phases  
 INVENTOR(S): Ducray, Pierre; Gauvry, Noelle; Goebel, Thomas;  
 Pautrat, Francois  
 PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis Pharma GmbH  
 SOURCE: PCT Int. Appl., 19 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006050887	A1	20060518	WO 2005-EP11884	20051107
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
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AU 2005303993	A1	20060518	AU 2005-303993	20051107
CA 2580247	A1	20060518	CA 2005-2580247	20051107
EP 1812385	A1	20070801	EP 2005-803815	20051107
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR			
CN 101056849	A	20071017	CN 2005-80038335	20051107
IN 2007DN02205	A	20070803	IN 2007-DN2205	20070321
US 2008045601	A1	20080221	US 2007-667148	20070504
MX 200705548	A	20070521	MX 2007-5548	20070508
KR 2007084061	A	20070824	KR 2007-710431	20070508
PRIORITY APPLN. INFO.:			EP 2004-26510	A 20041109
			WO 2005-EP11884	W 20051107
OTHER SOURCE(S):	MARPAT 144:488414			
GI				



I

AB Pure enantiomers of benzoamidoacetonitriles [I; R1-R3 = hydrogen, halogen, nitro, cyano, (un)substituted alkyl, (un)substituted alkoxy, (un)substituted alkenyl, (un)substituted alkynyl, (un)substituted alkenyloxy, (un)substituted alkylthio, (un)substituted alkylsulfonyloxy, (un)substituted alkylsulfinyl, etc.; e.g., (-)-(S)-N-[1-cyano-2-(5-cyano-2-trifluoromethylphenoxy)-1-methylethyl]-4-trifluoromethylsulfanylbenzamide] are prepared by the chromatog. of alc. solns. (e.g., MeOH-EtOH mixts.) of the I racemates [e.g., N-[1-cyano-2-(5-cyano-2-trifluoromethylphenoxy)-1-methylethyl]-4-trifluoromethylsulfanylbenzamide] using chiral chromatog. stationary phases (e.g., Chiralpak polysaccharide), followed by the epimerization of the unwanted enantiomer [e.g., (+)-(R)-N-[1-cyano-2-(5-cyano-2-trifluoromethylphenoxy)-1-methylethyl]-4-trifluoromethylsulfanylbenzamide] into the I racemate by heating an aqueous 1,4-dioxane solution of it with NaCN, followed by chromatog. re-resolution

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 3 OF 9 HCAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 2005:1331229 HCAPLUS

DOCUMENT NUMBER: 144:69626

TITLE: Preparation of aminoacetonitrile derivatives for controlling parasites on warm-blooded animals

INVENTOR(S): Gauvry, Noelle; Ducray, Pierre; Goebel, Thomas; Kaminsky, Ronald

PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.

SOURCE: PCT Int. Appl., 95 pp.

CODEN: PIXXD2

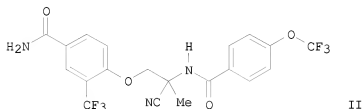
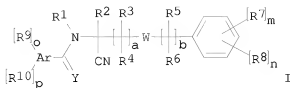
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005121075	A1	20051222	WO 2005-EP6207	20050609
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2005251917	A1	20051222	AU 2005-251917	20050609
EP 1758849	A1	20070307	EP 2005-751761	20050609
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
JP 2008501761	T	20080124	JP 2007-526305	20050609
PRIORITY APPLN. INFO.:			EP 2004-13690	A 20040610
			WO 2005-EP6207	W 20050609
OTHER SOURCE(S):		CASREACT 144:69626; MARPAT 144:69626		
GI				



AB The title compds. I [Ar = (un)substituted (hetero)aryl; R1 = H, alkyl, haloalkyl, etc.; R2-R6 = H, halo, (un)substituted alkyl, etc.; or R2 and R3 are together alkylene; R7, R10 = NH2, OH, SH, etc.; R8 = halo, NO2, CN, etc.; R9 = halo, NO2, CN, etc.; a = 1-4; b = 0-4; m, n, o, p = 0-5; W = O, S, SO2, etc.; Y = O, S, NR11 (R11 = alkyl, (un)substituted Ph); with the proviso that m and p are not equal to 0 at the same time] which have advantageous pesticidal properties and are particularly suitable for controlling parasites in warm-blooded animals, were prepared and formulated. E.g., a multi-step synthesis of II, starting from 4-fluoro-3-trifluoromethylbenzonitrile, was given. Compound II reduced the number of nematode worms by more than 95% in in vivo test against *Trichostrongylus colubriformis* and *Haemonchus contortus* in Mongolian gerbils by peroral administration.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 4 OF 9 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:429386 HCAPLUS

DOCUMENT NUMBER: 142:481750

TITLE: A preparation of acetonitrile derivatives, useful as pesticides

INVENTOR(S): Gauvry, Noelle; Goebel, Thomas; Ducray, Pierre; Pautrat, Francois; Kaminsky, Ronald; Jung, Martin  
PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.

SOURCE: PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005044784	A1	20050519	WO 2004-EP12559	20041105
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				

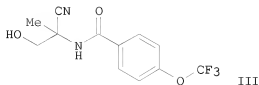
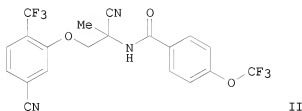
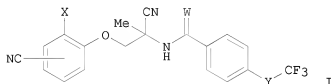
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 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
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 SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
 NE, SN, TD, TG

AU 2004287611 A1 20050519 AU 2004-287611 20041105  
 CA 2544741 A1 20050519 CA 2004-2544741 20041105  
 EP 1682493 A1 20060726 EP 2004-797665 20041105  
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 IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS  
 BR 2004016294 A 20070123 BR 2004-16294 20041105  
 CN 1902162 A 20070124 CN 2004-80039913 20041105  
 JP 2007510632 T 20070426 JP 2006-537263 20041105  
 MX 2006PA05036 A 20060706 MX 2006-PA5036 20060504  
 KR 793462 B1 20080114 KR 2006-708717 20060504  
 IN 2006CN01565 A 20070706 IN 2006-CN1565 20060505  
 US 2007072944 A1 20070329 US 2006-577369 20060626

PRIORITY APPLN. INFO.:

EP 2003-25290 A 20031106  
 GB 2004-2677 A 20040206  
 WO 2004-EP12559 W 20041105

OTHER SOURCE(S): MARPAT 142:481750  
 GI



AB The invention relates to a preparation of acetonitrile derivs. of formula I [wherein: X is Cl, Br, or CF<sub>3</sub>; Y is a single bond, O, S, S(O), or SO<sub>2</sub>; W is O or S], useful as pesticides. The active ingredients have advantageous pesticidal properties. They are especially suitable for controlling parasites in and on warm-blooded animals. For instance, acetonitrile derivative II was prepared via etherification of alc. III by 3-fluoro-4-trifluoromethylbenzonitrile. The efficacy was calculated as the % reduction of the number of worms in each gerbil, compared with the geometric average

of number of worms from 6 infected and untreated gerbils (mongolian gerbils, 3.2 mg/kg; H. contortus.: 100%, T. colubriformis.: 100%).

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 5 OF 9 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:650899 HCAPLUS

DOCUMENT NUMBER: 141:173978

TITLE: Preparation of aminoacetonitrile derivatives as agricultural and horticultural insecticides

INVENTOR(S): Andoh, Nobuharu; Sanpei, Osamu; Sakata, Kazuyuki

PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan

SOURCE: Eur. Pat. Appl., 48 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

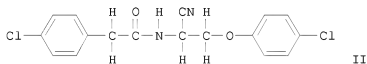
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1445251	A1	20040811	EP 2004-10346	19990428
EP 1445251	B1	20061227		
R: CH, DE, FR, GB, IT, LI				
EP 953565	A2	19991103	EP 1999-107461	19990428
EP 953565	A3	20021204		
EP 953565	B1	20040908		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRIORITY APPLN. INFO.: JP 1998-137806 A 19980501  
EP 1999-107461 A3 19990428

OTHER SOURCE(S): MARPAT 141:173978

GI



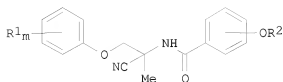
AB The title compds. Ar1(Q)dC(O)NR3C(CN)R4(CR5R6)aW(CR7R8)bAr2 [I; Ar1, Ar2 = (substituted) Ph, (substituted) phenyloxy, (substituted) phenylacetylene; (substituted) pyridyl and (substituted) naphthyl; Q = CR1R2 (wherein R1, R2 = H, halo, (halo)alkyl, etc.); R3 = H, (halo)alkyl, etc.; R4-R8 = H, halo, (halo)alkyl, etc.; W = O, S, SO<sub>2</sub> or NR<sub>9</sub> (wherein R<sub>9</sub> = H, alkyl); a, b = 0-4; d = 0-1], useful as insecticides, were prepared E.g., a multi-step

synthesis of II (starting from 4-chlorophenol and bromoacetaldehyde dimethylacetal), was given. The compds. I were tested against diamondback moth and against smaller tea tortrix (data were given for representative compds. I).

L11 ANSWER 6 OF 9 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:977572 HCAPLUS  
 DOCUMENT NUMBER: 138:33311  
 TITLE: Aminoacetonitrile derivatives as endoparasitocides  
 INVENTOR(S): Ducray, Pierre  
 PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis-Erfindungen  
 Verwaltungsgesellschaft m.b.H.  
 SOURCE: PCT Int. Appl., 31 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002102155	A1	20021227	WO 2002-EP6589	20020614
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LI, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW				
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TW 236341	B	20050721	TW 2002-91112863	20020613
CA 2449854	A1	20021227	CA 2002-2449854	20020614
AU 2002345043	A1	20030102	AU 2002-345043	20020614
EP 1401277	A1	20040331	EP 2002-743200	20020614
EP 1401277	B1	20070627		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002010926	A	20040608	BR 2002-10926	20020614
CN 1529552	A	20040915	CN 2002-814212	20020614
JP 2004530711	T	20041007	JP 2003-504752	20020614
NZ 530120	A	20050930	NZ 2002-530120	20020614
RU 2294640	C2	20070310	RU 2003-137564	20020614
AT 365455	T	20070715	AT 2002-743200	20020614
ES 2287289	T3	20071216	ES 2002-743200	20020614
ZA 2003009672	A	20040804	ZA 2003-9672	20031212
MX 2003PA11630	A	20040405	MX 2003-PA11630	20031215
IN 2003CN01997	A	20060106	IN 2003-CN1997	20031215
US 2004209950	A1	20041021	US 2004-480510	20040601
PRIORITY APPLN. INFO.:			CH 2001-1085	A 20010615
			WO 2002-EP6589	W 20020614
OTHER SOURCE(S):	MARPAT	138:33311		
GI				



I

AB The aminoacetonitrile derivs. I [R1 = (halo)alkyl, (halo)alkoxy, halo; R2 = haloalkyl; m = 1, 2 or 3] control endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 7 OF 9 HCAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 2002:888695 HCAPLUS

DOCUMENT NUMBER: 137:384655

TITLE: Preparation of benzamidoacetonitriles for controlling parasites

INVENTOR(S): Ducray, Pierre; Bouvier, Jacques; Keller, Matthias; Bergamin, Corina

PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.; Novartis Pharma GmbH PCT Int. Appl., 81 pp.

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

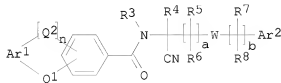
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

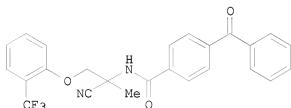
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002092552	A2	20021121	WO 2002-EP5294	20020514
WO 2002092552	A3	20031211		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
CA 2447084	A1	20021121	CA 2002-2447084	20020514
AU 2002316903	A1	20021125	AU 2002-316903	20020514
EP 1390344	A2	20040225	EP 2002-745292	20020514
EP 1390344	B1	20061227		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002009828	A	20040615	BR 2002-9828	20020514
CN 1531525	A	20040922	CN 2002-811935	20020514
JP 2004533451	T	20041104	JP 2002-589438	20020514
NZ 529368	A	20050624	NZ 2002-529368	20020514
RU 2284990	C2	20061010	RU 2003-134179	20020514
AT 349421	T	20070115	AT 2002-745292	20020514
ZA 2003008592	A	20040903	ZA 2003-8592	20031104
IN 2003CN01783	A	20060106	IN 2003-CN1783	20031113



MX 2003PA10404 A 20040309 MX 2003-PA10404 20031114  
 US 2004220055 A1 20041104 US 2004-477289 20040601  
 PRIORITY APPLN. INFO.: CH 2001-919 A 20010515  
 WO 2002-EP5294 W 20020514  
 OTHER SOURCE(S): MARPAT 137:384655  
 GI



I



II

AB The title compds. [I; Ar1, Ar2 = (un)substituted Ph, OPh, phenylacetylenyl, etc.; Q1 = CH2, OCH2, S, SO, SO2, CO; Q2 = a bond, CO; R3 = H, alkyl, haloalkyl, etc.; R4-R8 = H, halo, alkyl, etc.; or R4 and R5 together = alkylene; W = O, S, SO2, NH, Nalkyl; a = 1-4; b = 0-4; n = 0-1] which have advantageous pesticidal properties, and are especially suitable for controlling parasites in warm-blooded animals (also humans), were prepared and formulated. Thus, amidation of benzophenone-4-carboxylic acid with 2-amino-2-methyl-3-(2-trifluoromethylphenoxy)propionitrile afforded II which showed a 100% reduction in Trichostrongylus infestation at 32 mg/kg.

L11 ANSWER 8 OF 9 HCAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 2002:487395 HCAPLUS  
 DOCUMENT NUMBER: 137:52407  
 TITLE: Aminoacetonitrile compounds and their formulations as parasiticides  
 INVENTOR(S): Ducray, Pierre; Bouvier, Jacques  
 PATENT ASSIGNEE(S): Novartis Ag, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.; Novartis Pharma GmbH  
 SOURCE: PCT Int. Appl., 38 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002049641	A2	20020627	WO 2001-EP14926	20011218
WO 2002049641	A3	20031204		

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 HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU,  
 LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG,  
 SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW  
 RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES,  
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR  
 CA 2432388 A1 20020627 CA 2001-2432388 20011218  
 AU 2002034588 A 20020701 AU 2002-34588 20011218  
 EP 1392281 A2 20040303 EP 2001-985421 20011218  
 EP 1392281 B1 20070221  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 BR 2001016326 A 20040706 BR 2001-16326 20011218  
 JP 2004521097 T 20040715 JP 2002-550981 20011218  
 CN 1531426 A 20040922 CN 2001-821015 20011218  
 NZ 526538 A 20051223 NZ 2001-526538 20011218  
 RU 2286775 C2 20061110 RU 2003-122196 20011218  
 AT 354360 T 20070315 AT 2001-985421 20011218  
 ES 2281453 T3 20071001 ES 2001-985421 20011218  
 ZA 2003004331 A 20040428 ZA 2003-4331 20030603  
 US 2004082624 A1 20040429 US 2003-433811 20030606  
 MX 2003PA05701 A 20031006 MX 2003-PA5701 20030620  
 PRIORITY APPLN. INFO.: CH 2000-2489 A 20001220  
 WO 2001-EP14926 W 20011218  
 OTHER SOURCE(S): MARPAT 137:52407  
 AB The invention relates to the use of aminoacetonitrile compds. in the  
 control of endoparasites, especially helminths, in warm-blooded productive  
 livestock and domestic animals. Delivery systems for these parasiticides  
 are described, such as granules that can be mixed with animal feed. For  
 example, a dust-free coated granules were prepared by mixing an  
 aminoacetonitrile active ingredient 3%, polyethylene glycol 3%, and kaolin  
 94%.

L11 ANSWER 9 OF 9 HCAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1999:708444 HCAPLUS  
 DOCUMENT NUMBER: 131:310455  
 TITLE: Preparation of aroylaminoacetonitriles as agricultural  
 and horticultural insecticides  
 INVENTOR(S): Andoh, Nobuharu; Sanpei, Osamu; Sakata, Kazuyuki  
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan  
 SOURCE: Eur. Pat. Appl., 63 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 953565	A2	19991103	EP 1999-107461	19990428
EP 953565	A3	20021204		
EP 953565	B1	20040908		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 6239077	B1	20010529	US 1999-295319	19990421
TW 585849	B	20040501	TW 1999-88106732	19990427
EP 1445251	A1	20040811	EP 2004-10346	19990428

EP 1445251 B1 20061227  
 R: CH, DE, FR, GB, IT, LI  
 CN 1234177 A 19991110 CN 1999-105289 19990430  
 CN 1132516 B 20031231  
 AU 9926027 A 19991111 AU 1999-26027 19990430  
 AU 752112 B2 20020905  
 JP 2000026392 A 20000125 JP 1999-124560 19990430  
 JP 1998-13/806 A 19980501  
 EP 1999-10/461 A3 19990428

PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 131:310455  
 AB Ar1QdCONR3C(CN)R4(CR5R6)aW(CR7R8)bAr2 [I; Ar1, Ar2 = (substituted) Ph, PhO, pyridyl, pyridyloxy, naphthyl; Q = CR1R2; R1, R2 = H, halo, (halo)alkyl, (halo)alkoxy, (substituted) cycloalkyl; R1R2 = (substituted) C2-6 alkylene, CH:CH, C.tplbond.C; d = 0, 1; R3 = H, (halo)alkyl; R4-R8 = H, halo, (halo)alkyl; W = O, S, SO2, NR9; R9 = H, alkyl; a, b = 0-4], were prepared. Thus, 4-chlorophenol, bromoacetaldehyde di-Me acetal, K2CO3, and cat. NaI were refluxed 3 h in DMF to give 4-chlorophenoxyacetaldehyde di-Me acetal. This was refluxed with aqueous HCl in acetone to give crude 4-chlorophenoxyacetaldehyde, which was stirred with NaCN and NH4Cl in aqueous NH3 to give a residue. This was stirred with 4-chlorophenylacetyl chloride and Et3N in THF to give I (Ar1, Ar2 = 4-ClC6H4; R1-R8 = H; W = O; a, d = 1; b = 0). Numerous I at 500 ppm gave 100% kill of Plutella xylostella on cabbage seedlings.

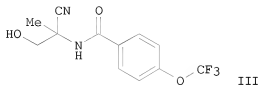
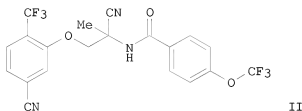
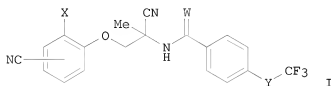
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L12 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2005:429386 HCAPLUS  
 DOCUMENT NUMBER: 142:481750  
 TITLE: A preparation of acetonitrile derivatives, useful as pesticides  
 INVENTOR(S): Gauvry, Noelle; Goebel, Thomas; Ducray, Pierre; Pautrat, Francois; Kaminsky, Ronald; Jung, Martin  
 PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.  
 SOURCE: PCT Int. Appl., 48 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005044784	A1	20050519	WO 2004-EP12559	20041105
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2004287611	A1	20050519	AU 2004-287611	20041105

CA 2544741	A1	20050519	CA 2004-2544741	20041105
EP 1682493	A1	20060726	EP 2004-797665	20041105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
BR 2004016294	A	20070123	BR 2004-16294	20041105
CN 1902162	A	20070124	CN 2004-80039913	20041105
JP 2007510632	T	20070426	JP 2006-537263	20041105
MX 2006PA05036	A	20060706	MX 2006-PA5036	20060504
KR 793462	B1	20080114	KR 2006-708717	20060504
IN 2006CN01565	A	20070706	IN 2006-CN1565	20060505
US 2007072944	A1	20070329	US 2006-577369	20060626
PRIORITY APPLN. INFO.:				
			EP 2003-25290	A 20031106
			GB 2004-2677	A 20040206
			WO 2004-EP12559	W 20041105

OTHER SOURCE(S): MARPAT 142:481750  
GI



AB The invention relates to a preparation of acetonitrile derivs. of formula I [wherein: X is Cl, Br, or CF<sub>3</sub>; Y is a single bond, O, S, S(O), or SO<sub>2</sub>; W is O or S], useful as pesticides. The active ingredients have advantageous pesticidal properties. They are especially suitable for controlling parasites in and on warm-blooded animals. For instance, acetonitrile derivative II was prepared via etherification of alc. III by 3-fluoro-4-trifluoromethylbenzonitrile. The efficacy was calculated as the % reduction of the number of worms in each gerbil, compared with the geometric average of number of worms from 6 infected and untreated gerbils (mongolian gerbils,

3.2 mg/kg; H. contortus.: 100%, T. colubriformis.: 100%).

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:650899 HCAPLUS

DOCUMENT NUMBER: 141:173978

TITLE: Preparation of aminoacetonitrile derivatives as  
agricultural and horticultural insecticides

INVENTOR(S): Andoh, Nobuharu; Sanpei, Osamu; Sakata, Kazuyuki

PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan

SOURCE: Eur. Pat. Appl., 48 pp.

CODEN: EPXXDW

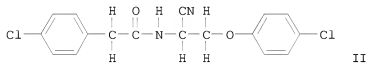
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1445251	A1	20040811	EP 2004-10346	19990428
EP 1445251	B1	20061227		
R: CH, DE, FR, GB, IT, LI				
EP 953565	A2	19991103	EP 1999-107461	19990428
EP 953565	A3	20021204		
EP 953565	B1	20040908		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			JP 1998-137806	A 19980501
			EP 1999-107461	A3 19990428
OTHER SOURCE(S):			MARPAT 141:173978	
GI				



AB The title compds. Ar1(Q)dC(O)NR3C(CN)R4(CR5R6)aW(CR7R8)bAr2 [I; Ar1, Ar2 = (substituted) Ph, (substituted) phenyloxy, (substituted) phenylacetylene; (substituted) pyridyl and (substituted) naphthyl; Q = CR1R2 (wherein R1, R2 = H, halo, (halo)alkyl, etc.); R3 = H, (halo)alkyl, etc.; R4-R8 = H, halo, (halo)alkyl, etc.; W = O, S, SO2 or NR9 (wherein R9 = H, alkyl); a, b = 0-4; d = 0-1], useful as insecticides, were prepared E.g., a multi-step synthesis of II (starting from 4-chlorophenol and bromoacetaldehyde dimethylacetal), was given. The compds. I were tested against diamondback moth and against smaller tea tortrix (data were given for representative compds. I).

L12 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:487395 HCAPLUS

DOCUMENT NUMBER: 137:52407

TITLE: Aminoacetonitrile compounds and their formulations as  
parasiticides

INVENTOR(S): Ducray, Pierre; Bouvier, Jacques  
 PATENT ASSIGNEE(S): Novartis Ag, Switz.; Novartis-Erfindungen  
 Verwaltungsgesellschaft m.b.H.; Novartis Pharma GmbH  
 SOURCE: PCT Int. Appl., 38 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002049641	A2	20020627	WO 2001-EP14926	20011218
WO 2002049641	A3	20031204		
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RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
CA 2432388	A1	20020627	CA 2001-2432388	20011218
AU 2002034588	A	20020701	AU 2002-34588	20011218
EP 1392281	A2	20040303	EP 2001-985421	20011218
EP 1392281	B1	20070221		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001016326	A	20040706	BR 2001-16326	20011218
JP 2004521097	T	20040715	JP 2002-550981	20011218
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RU 2286775	C2	20061110	RU 2003-122196	20011218
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PRIORITY APPLN. INFO.:			CH 2000-2489	A 20001220
			WO 2001-EP14926	W 20011218

OTHER SOURCE(S): MARPAT 137:52407

AB The invention relates to the use of aminoacetonitrile compds. in the control of endoparasites, especially helminths, in warm-blooded productive livestock and domestic animals. Delivery systems for these parasiticides are described, such as granules that can be mixed with animal feed. For example, a dust-free coated granules were prepared by mixing an aminoacetonitrile active ingredient 3%, polyethylene glycol 3%, and kaolin 94%.

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	125.64	662.77
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-21.60	-21.60

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